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**Date of Deposit: May 4, 2001**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Ronald Faris

Serial No.: 09/743,544

I.A. Filing Date: July 8, 1999

For: Liver Stem Cell

Attorney Docket No.: 21486-024 Natl.

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

May 4, 2001  
Boston, Massachusetts

Box PCT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**TRANSMITTAL LETTER**

Sir:

Transmitted herewith for filing in the present application are the following documents:

1. Response To Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (2pgs.) (in duplicate);
2. An Executed Combined Declaration and Power of Attorney For Patent Application (3pgs.);
3. A Copy of Form PCT/DO/EO/905;
4. Petition For Two-Month Extension of Time (in duplicate);
5. A Check in the amount of \$195.00 (for extension fee); and
6. Return Receipt Postcard.

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at 617/542-6000, Boston, Massachusetts.

Please charge any underpayments or credit any overpayments associated with this communication to our Deposit Account No. 50-0311, Reference No. 21486-024 Natl. A duplicate of this letter is enclosed.

Respectfully submitted,



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Ingrid A. Beattie, Reg. No. 42,306  
Attorney for Applicant  
c/o MINTZ, LEVIN  
One Financial Center  
Boston, Massachusetts 02111  
Tel: (617) 542-6000  
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Dated: May 4, 2001

TRADOCs:1453721.1(V5P501!.DOC)

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**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER  
35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE**

Dear Sir:

Responsive to the *Notification of Missing Requirements Under 35 U.S.C. 371* dated February 26, 2001, Applicants' attorney submits herewith an executed Combined Declaration and Power of Attorney for Patent Application for the above-identified patent application. A petition for extension of time is being filed concurrently herewith. A copy of Form PCT/DO/EO/905 is also enclosed.

Please charge any underpayments or credit any overpayments associated with this communication to our Deposit Account No. 50-0311, Reference No. 21486-024 Natl. A

duplicate of this letter is enclosed.

Respectfully submitted,



Ingrid A. Beattie, Reg. No. 42,306

Attorney for Applicant

c/o MINTZ, LEVIN

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Boston, Massachusetts 02111

Tel: (617) 542-6000

Fax: (617) 542-2241

Dated: May 4, 2001



1AB  
UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
Address: ASSISTANT COMMISSIONER FOR PATENTS  
Box PCT  
Washington, D.C. 20231

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/743544	FARIS	R 21486-024

INGRID A BEATTIE  
ONE FINANCIAL CENTER  
BOSTON, MA 02111

RECEIVED

MAR 2 2001

INTERNATIONAL APPLICATION NO.	
PCT/US99/15625	
I.A. FILING DATE	PRIORITY DATE
08 JUL 99	10 JUL 98
DATE MAILED: 26 FEB 2001	

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as

- ☐ a Designated Office (37 CFR 1.494),
- ☒ an Elected Office (37 CFR 1.495):
- ☒ U.S. Basic National Fee.
- ☒ Copy of the international application in:
  - ☐ a non-English language.
  - ☒ English.
- ☐ Translation of the international application into English.
- ☐ Oath or Declaration of inventor(s) for DO/EO/US.
- ☐ Copy of Article 19 amendments.
- ☐ Translation of Article 19 amendments into English.
- ☒ The International Preliminary Examination Report in English and its Annexes, if any.
- ☐ Translation of Annexes to the International Preliminary Examination Report into English.
- ☐ Preliminary amendment(s) filed \_\_\_\_\_ and \_\_\_\_\_.
- ☐ Information Disclosure Statement(s) filed \_\_\_\_\_ and \_\_\_\_\_.
- ☐ Assignment document.
- ☐ Power of Attorney and/or Change of Address.
- ☐ Substitute specification filed \_\_\_\_\_.
- ☐ Verified Statement Claiming Small Entity Status.
- ☐ Priority Document.
- ☒ Copy of the International Search Report ☒ and copies of the references cited therein.
- ☒ Other: IPEA 416, ISA 220

2. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. Note a processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
  - ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
- ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
- ☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the international application number and international filing date.
  - ☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
- ☐ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

3. Additional claim fees of \$ \_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due. See attached PTO-875.

**ALL OF THE ITEMS SET FORTH IN 2(a)-2(d) AND 3 ABOVE MUST BE SUBMITTED WITHIN ONE MONTH FROM THE DATE OF THIS NOTICE OR BY ☐ 21 OR ☒ 31 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

- 4. Translation of the Annexes **MUST** be submitted no later than the time period set above or the annexes will be cancelled. Note processing fee will be required if submitted later than 30 months from the priority date.
- 5. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

***A copy of this notice MUST be returned with this response.***

Enclosed:

- ☐ PCT/DO/EO/917
- ☐ Notice of Defective Translation
- ☐ PTO-875

FORM PCT/DO/EO/905 (December 1997)

COTTMAN, DARRELL C.

Telephone: 703-305-3693